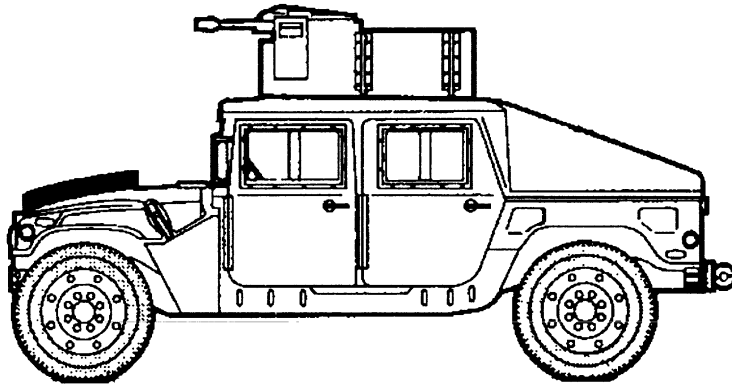


M1097 HEAVY HMMWV



SYSTEM IDENTIFIERS	
NOMENCLATURE:	Heavy HMMWV, M1097
SSN:	D15402
LIN:	T07679
NSN:	2320-01-346-9317
AMIM NO:	S133
EIC:	BBM
FUEL TYPE:	JP-8

SYSTEM DESCRIPTION
<p>The M1097 is the Heavy Hummer Variant (HHV) of the HMMWV family. It is a full-time four-wheel drive, air transportable, tactical vehicle. The system is based on the standard weapons carrier chassis and consists of ballistic panels applied throughout the vehicle. Because of the increase in vehicle weight (5tons), its chassis incorporates improved front and rear differentials, a new transfer case, new front and rear propshafts, an improved frame mounting for the steering gear, variable rate rear springs and new lower balljoints. The HHV is capable of withstanding multiple small arms hits up to 7.62mm. The armament includes either the TOW Missile System, M60 7.62 machine gun, M2 .50 caliber machine gun, or the MK19 40mm grenade launcher. It is powered by a V8, 6.2 liter, 150 horsepower engine giving it a top speed of 50 miles per hour. The fuel capacity is 25 gallons with a cruising range of 300 miles.</p>

The list below identifies components associated with the weapon/materiel system. This is an all inclusive list of LINs.

M1097 HEAVY HMMWV

LIN	NSN	NOMENCLATURE
C89070	1080-01-179-6025	CAMOUFLAGE SCREEN SUPPORT SYSTEM
C89070	1080-00-108-1173	CAMOUFLAGE SCREEN SUPPORT SYSTEM
C89145	1080-00-103-1246	CAMOUFLAGE SCREEN SYSTEM: WOODLAND
C89145	1080-01-266-1824	CAMOUFLAGE SCREEN SYSTEM: WOODLAND
C89145	1080-01-266-1827	CAMOUFLAGE SCREEN SYSTEM: WOODLAND
C89213	1080-00-623-7295	CAMOUFLAGE SCREEN SUPPORT SYSTEM
D81537	4230-01-133-4124	DECONTAMINATING APPARATUS PORTABLE
L45740	1440-00-169-1764	LAUNCHER TUBULAR GUIDED MISSILE (TOW)
L91975	1005-00-322-9715	MACHINE GUN CALIBER .50: HB FLEXIBLE
L92352	1005-01-025-8095	MACHINE GUN 7.62 MILLIMETER: FIXED
M92362	1010-01-126-9063	MACHINE GUN GRENADE 40 MM: MK 19
M92420	1005-01-085-4758	MACHINE GUN 7.62 MILLIMETER: FIXED
N04982	5855-01-212-4997	NIGHT SIGHT EQUIPMENT: (TOW 2)
N04982	5855-01-245-8689	NIGHT SIGHT EQUIPMENT: (TOW 2)
N04982	5855-01-152-8781	NIGHT SIGHT EQUIPMENT: (TOW 2)
N04982	5855-01-083-9053	TOW-NIGHT SIGHT EQUIPMENT SET: AN/UAS-12
N04982	5855-01-281-9700	NIGHT SIGHT EQUIPMENT: (TOW 2)

This summary provides an overview of FY 95 Total Army operating and support costs and other information for the weapon system. Average cost per system or per mile are displayed so the data can be used in performing analytical and cost studies. Average costs are calculated using the end item's density and activity. NET REPARABLES represent the cost with the Major Subordinate Command (MSC) specific credit rates applied (detailed in Section 1 - Overview).

<p align="center">M1097 HEAVY HMMWV FY 95 TOTAL ARMY COST SUMMARY (FY 95 Constant Dollars)</p>

<div>DENSITY</div>		<div>DEPOT END ITEM MAINTENANCE (5.061)</div>	
NUMBER OF SYSTEMS	1,319	OMA TOTAL	\$0
		QUANTITY COMPLETED	0
		AVG COST/END ITEM	\$0.00
		PROC (MODIFICATIONS)	\$0

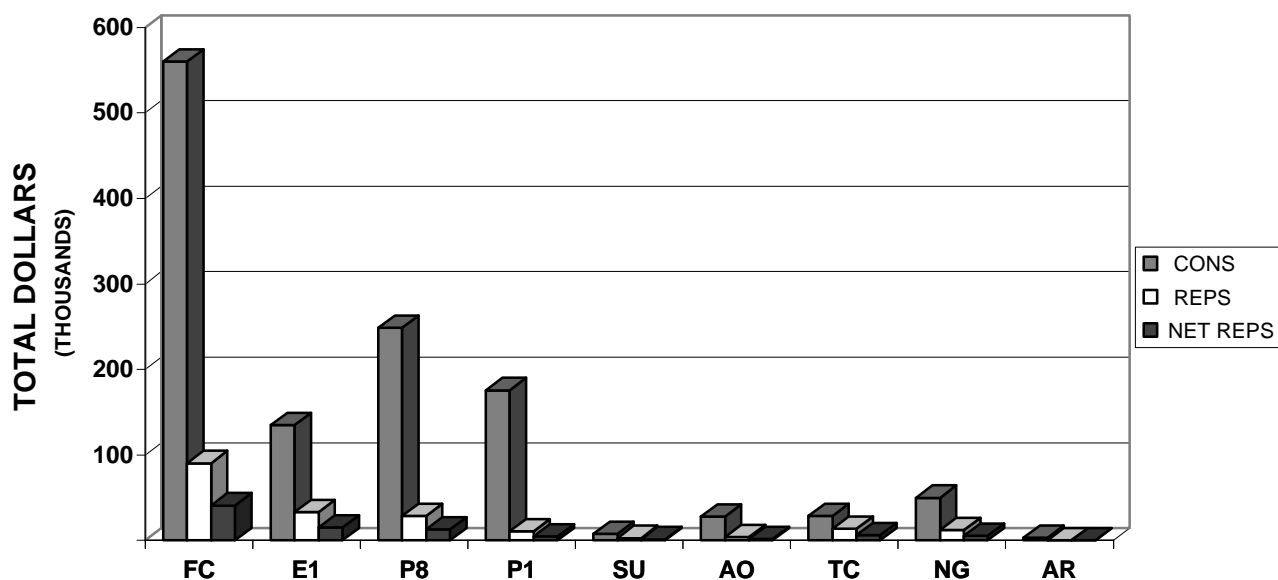
<div>CLASS III-POL (5.05)</div>		<div>DEPOT SECONDARY ITEM MAINTENANCE</div>	
<div>NOT AVAILABLE</div>		DBOF TOTAL	\$0
		QUANTITY COMPLETED	0
		AVG COST/SECONDARY ITEM	\$0.00

<div>CLASS V-AMMUNITION (2.11)</div>		<div>INTERMEDIATE MAINTENANCE</div>	
AMMUNITION	\$673,227	<div>DS/GS</div>	<div>CIVILIAN</div>
AVG COST/SYSTEM	\$510.00	MIL/CIV LABOR COST	\$23,178
		AVG COST/SYSTEM	\$17.57
			\$5.74
		MAINTENANCE MANHOURS	1,365
		MMHs/SYSTEM	1.03
			177
			0.27

<div>CLASS IX MATERIEL-PARTS (5.04/5.03)</div>		
	<div>FY 95</div>	<div>AVG COST</div>
	<div>DOLLARS</div>	<div>PER SYSTEM</div>
CONSUMABLES	\$1,237,034	\$937.86
NET REPARABLES	\$88,620	\$67.19
NET TOTAL COSTS	\$1,325,654	\$1,005.04

The following graph and table display FY 95 Class IX costs for consumables (CONS), reparable, (REPS), and net reparable (NET REPS) by MACOM. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. TOTAL ARMY (TA) costs are the summation of costs across all MACOMs in the table. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems for each MACOM.

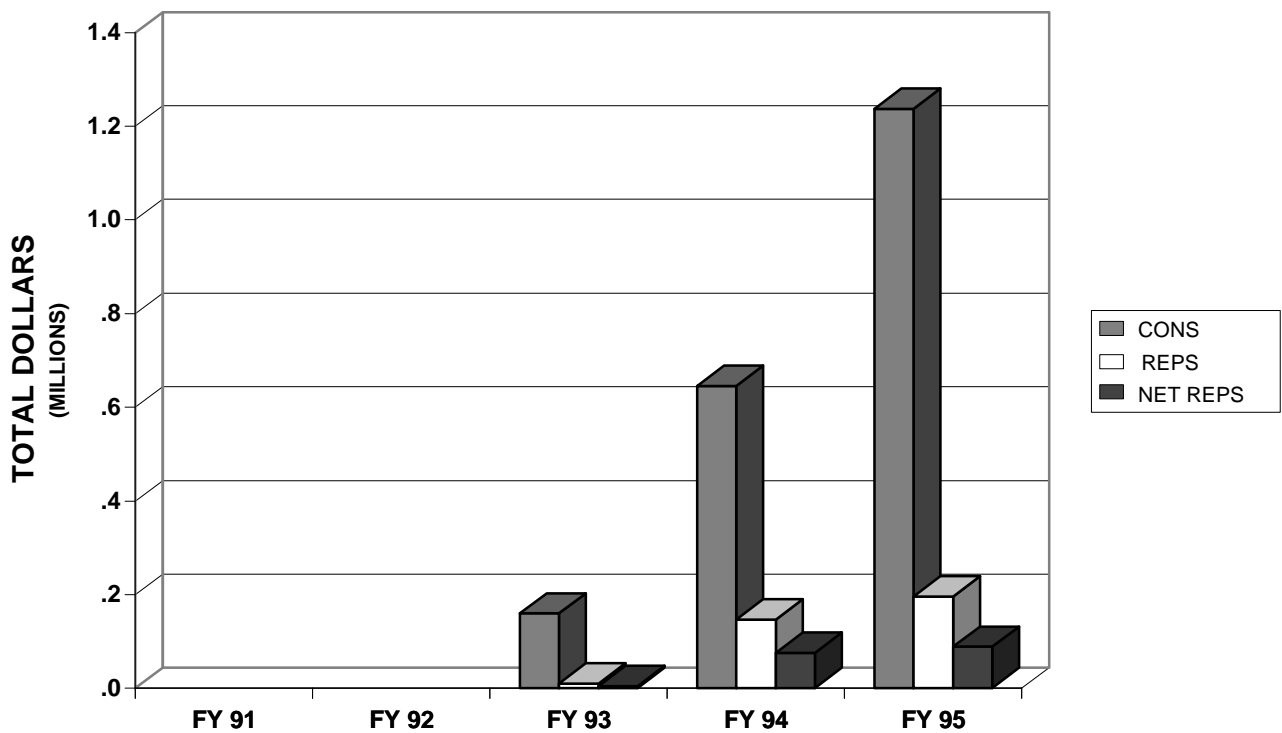
M1097 HEAVY HMMWV



M1097 HEAVY HMMWV FY 95 MACOM CLASS IX COSTS							
MACOM		CONS	REPS	NET REPS	NET TOTAL COSTS	NUMBER OF SYSTEMS	AVG PER SYSTEMS
CODE	NAME						
FC	FORSCOM	559,980	90,404	40,953	600,933	634	948
E1	USAREUR	134,951	33,423	15,141	150,092	98	1,532
P8	EUSA	248,854	28,453	12,889	261,743	141	1,856
P1	USARPAC	175,690	10,766	4,877	180,567	174	1,038
SU	USARSO	7,862	2,794	1,266	9,128	6	1,521
AO	USASOC	27,797	3,752	1,700	29,497	81	364
TC	TRADOC	28,725	13,574	6,149	34,874	19	1,835
NG	ARNG	49,932	12,399	5,617	55,549	134	415
AR	USAR	3,243	63	28	3,271	32	102
TA	TOTAL ARMY	1,237,034	195,628	88,620	1,325,654	1,319	1,005

The following graph and table display FY 91-95 Class IX costs for consumables (CONS), reparable (REPS) and net reparable (NET REPS) by Total Army. The Total Army costs are a summation of all the MACOMs displayed on the previous page. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems in the Total Army for the fiscal year. Blank rows indicate system was not tracked in the OSMIS database during that fiscal year.

M1097 HEAVY HMMWV



M1097 HEAVY HMMWV FIVE YEAR TOTAL ARMY CLASS IX COSTS						
FISCAL YEAR	CONS	REPS	NET REPS	NET TOTAL COSTS	NUMBER OF SYSTEMS	AVG PER SYSTEMS
FY 91						
FY 92						
FY 93	159,738	10,189	5,196	164,934	60	2,749
FY 94	645,720	146,833	76,207	721,927	792	912
FY 95	1,237,034	195,628	88,620	1,325,654	1,319	1,005

The Total Army Class IX costs from the previous pages are broken out by Work Breakdown Structure (WBS) in the following table. The FY 95 WBS Class IX costs for consumables (CONS) and reparable (REPS) are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). The NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. The TOTAL costs are a summation of all the WBS elements displayed in the table. NET TOTAL COSTS are the sum of the costs in CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the total number of systems in the Army.

M1097 HEAVY HMMWV FY 95 TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS							
WBS	NAME	CONS	REPS	NET REPS	NET TOTAL COSTS	NUM OF SYSTEMS	AVG PER SYSTEM
01	HULL/FRAME	325,716	0	0	325,716	1,319	247
02	SUSPENSION/STEER	257,821	0	0	257,821	1,319	195
03	PWR PKG/DRIVE TR	471,236	195,628	88,620	559,856	1,319	424
04	AUXILIARY AUTO	65,197	0	0	65,197	1,319	49
05	TURRET ASSEMBLY	0	0	0	0	0	0
06	FIRE CONTROL	0	0	0	0	0	0
07	ARMAMENT	0	0	0	0	0	0
08	BODY/CAB	0	0	0	0	0	0
09	AUTO LOADING	0	0	0	0	0	0
10	AUTO/REMOTE PILO	0	0	0	0	0	0
11	NBC EQUIPMENT	0	0	0	0	0	0
12	SPECIAL EQUIPMEN	0	0	0	0	0	0
13	NAVIGATION	0	0	0	0	0	0
14	COMMUNICATIONS	69	0	0	69	1,319	0
15	VEH APPS SOFTWARE	0	0	0	0	0	0
16	VEH SYST SOFTWARE	0	0	0	0	0	0
17	INTEG, ASSY, TES	0	0	0	0	0	0
18	OTHER	116,995	0	0	116,995	1,319	89
	TOTAL	1,237,034	195,628	88,620	1,325,654	1,319	1,005

The following table displays FY 91-95 Class IX costs by Work Breakdown Structure (WBS) for the Total Army. NET TOTAL COSTS are the summation for all the WBS elements displayed on the previous page and are a sum of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the total number of systems in the Army for the fiscal year. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

M1097 HEAVY HMMWV FIVE YEAR TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS						
WBS	NAME	FY 91 NET TOTAL COSTS	FY 92 NET TOTAL COSTS	FY 93 NET TOTAL COSTS	FY 94 NET TOTAL COSTS	FY 95 NET TOTAL COSTS
01	HULL/FRAME			45,442	153,129	325,716
02	SUSPENSION/STEER			14,125	102,526	257,821
03	PWR PKG/DRIVE TR			90,064	356,520	559,856
04	AUXILIARY AUTO			6,201	46,644	65,197
05	TURRET ASSEMBLY			0	0	0
06	FIRE CONTROL			0	0	0
07	ARMAMENT			0	0	0
08	BODY/CAB			0	0	0
09	AUTO LOADING			0	0	0
10	AUTO/REMOTE PILO			0	0	0
11	NBC EQUIPMENT			0	0	0
12	SPECIAL EQUIPMEN			0	0	0
13	NAVIGATION			0	0	0
14	COMMUNICATIONS			1	60	69
15	VEH APPS SOFTWARE			0	0	0
16	VEH SYST SOFTWARE			0	0	0
17	INTEG, ASSY, TES			0	0	0
18	OTHER			9,101	63,048	116,995
	TOTAL			164,934	721,927	1,325,654
	NUM OF SYSTEMS			60	792	1,319
	AVG PER SYSTEM			2,749	912	1,005

**M1097 HEAVY HMMWV
TOP 40 COST DRIVERS
CLASS IX CONSUMABLES (NON-DLRs)**

**M1097 HEAVY HMMWV
CONSUMABLES (NON-DLRs)**

											FY 93-95	
						FY 95 AMDF	FY 95	EXTENDED COST	AVERAGE COST	AVERAGE QUANTITY	THREE YEAR AVERAGE	
NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	UNIT PRICE	QTY	(QTY * UNIT PRICE)	PER SYSTEM	PER 100 SYSTEMS	QTY	EXTENDED COST
1.	2610013337632	TIRE,PNEUMATIC	02J	Z	K22PP	223.00	537.04	119,760	90.80	40.7157	218.17	48,653
2.	2610011714746	TIRE,PNEUMATIC	02J	F	K21PP	145.00	732.54	106,218	80.53	55.5375	438.16	63,533
3.	6140012101964	BATTERY,STORAGE	18	F	K21PU	60.60	1,145.82	69,437	52.64	86.8704	681.75	41,314
4.	2920012646542	GENERATOR,ENGINE	03A	F	K21N5	1,060.00	39.27	41,626	31.56	2.9773	42.69	45,251
5.	2920011883863	GLOW PLUG	03A	Z	J2200	4.58	8,614.91	39,456	29.91	653.1395	4,452.27	20,391
6.	3040013582102	BALL JOINT	03K	Z	J2200	27.10	1,388.65	37,632	28.53	105.2805	542.30	14,696
7.	2510013592076	FRAME,STRUCTURAL	01A	Z	J2200	5,245.71	7.00	36,720	27.84	0.5307	2.67	13,989
8.	2540011910973	COVER,FITTED,VEH	01H	Z	K22N5	308.00	98.81	30,433	23.07	7.4913	52.93	16,303
9.	2920011757214	COIL,ELECTRICAL	03A	Z	J2200	28.86	1,042.06	30,074	22.80	79.0038	512.41	14,788
10.	6110012926532	CONTROL,REMOTE S	04A	Z	K22N5	106.00	281.42	29,831	22.62	21.3359	178.90	18,963
11.	2510011739347	HOOD,ENGINE COMP	01A	F	K21N5	415.00	62.84	26,079	19.77	4.7642	31.29	12,985
12.	2920011687891	STARTER,ENGINE,E	03A	F	K21N5	348.00	69.82	24,297	18.42	5.2934	44.81	15,593
13.	3040013587034	GEARSHAFT,HELICA	03K	Z	J2200	401.07	57.00	22,861	17.33	4.3215	20.00	8,021
14.	2540011893457	TOP ASSEMBLY,TRU	01H	F	K21N5	175.00	118.32	20,706	15.70	8.9704	51.65	9,039
15.	2940011883776	FILTER ELEMENT,I	03A	Z	J2200	16.70	1,226.71	20,486	15.53	93.0030	568.45	9,493
16.	2540011860969	MOTOR,WINDSHIELD	01H	Z	J2200	206.60	96.82	20,003	15.17	7.3404	67.37	13,918
17.	6130013096458	RECTIFIER,METALL	18	Z	Q2200	616.46	31.82	19,616	14.87	2.4124	11.06	6,820
18.	2520011634999	TRANSFER TRANSMI	03H	H	K21N5	1,142.00	14.61	16,685	12.65	1.1077	8.54	9,753
19.	2530012035746	SPINDLE,WHEEL,DR	03Q	F	K21N5	402.00	41.20	16,562	12.56	3.1236	28.84	11,592
20.	2510011899725	DOOR,VEHICULAR	01A	F	K21N5	91.40	164.35	15,022	11.39	12.4602	80.46	7,354
21.	2920011902709	GENERATOR,ENGINE	03A	F	K21NT	999.00	14.63	14,615	11.08	1.1092	11.36	11,349
22.	2510011899724	DOOR ASSEMBLY,VE	01A	F	K21N5	73.03	197.65	14,434	10.94	14.9848	92.78	6,775
23.	2520012047699	CONTROL ASSEMBLY	03H	F	J2100	227.90	62.16	14,166	10.74	4.7127	33.01	7,524
24.	2910011992355	PUMP,FUEL,METERI	03A	H	K21N5	568.00	23.10	13,121	9.95	1.7513	13.10	7,439
25.	2920011992391	REGULATOR,ENGINE	03A	Z	J2200	345.02	37.58	12,966	9.83	2.8491	21.63	7,464
26.	2540013022595	MIRROR ASSEMBLY,	01H	Z	J2200	71.38	151.08	10,784	8.18	11.4541	82.10	5,860
27.	2540013160892	COVER,FITTED,VEH	01H	Z	K22N5	360.00	29.42	10,591	8.03	2.2305	15.50	5,579
28.	2530013365740	RIM,WHEEL,PNEUMA	02A	O	J2100	103.25	97.42	10,059	7.63	7.3859	40.35	4,166
29.	2930011992398	RADIATOR,ENGINE	03G	F	K21N5	351.00	28.36	9,954	7.55	2.1501	16.08	5,643
30.	2930011687870	IMPELLER,FAN,AXI	03G	F	K21N5	200.00	45.25	9,050	6.86	3.4306	25.60	5,119
31.	2920013109978	ROTOR ASSEMBLY	03A	Z	J2200	626.70	14.31	8,968	6.80	1.0849	7.63	4,782
32.	2520013176434	HALFSHAFT ASSEMB	03K	O	K21N5	129.00	69.03	8,905	6.75	5.2335	40.16	5,181
33.	2530011693168	STEERING GEAR	03Q	F	K21N5	110.00	73.48	8,083	6.13	5.5709	48.99	5,389
34.	2510012626011	FRAME SECTION,ST	01A	Z	J2200	5,694.41	1.18	6,719	5.09	0.0895	0.73	4,138
35.	2540013142786	COVER,FITTED,VEH	01H	F	K21N5	77.13	86.15	6,645	5.04	6.5315	43.38	3,346
36.	2530011883685	PARTS KIT,BALL J	03Q	Z	J2200	16.80	337.32	5,667	4.30	25.5739	188.23	3,162
37.	2530011972160	TIE ROD END,STEE	03Q	Z	J2200	24.62	214.86	5,290	4.01	16.2896	118.74	2,923
38.	4810011925817	VALVE,SOLENOID	01A	O	J2100	81.33	64.39	5,237	3.97	4.8817	31.89	2,594
39.	2910013578798	TANK,FUEL,ENGINE	03A	O	J2200	428.74	12.00	5,145	3.90	0.9098	4.67	2,001
40.	2920001609346	ROTOR,GENERATOR	03A	Z	J2200	295.99	17.16	5,079	3.85	1.3010	8.37	2,476

NUMBER OF SYSTEMS 1,319
NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

928,982 75.1% TOP 40
308,052 24.9% OTHERS
===== TOTAL
1,237,034

M1097 HEAVY HMMWV
COST DRIVERS
CLASS IX REPARABLES (DLRs)

M1097 HEAVY HMMWV
REPARABLES (DLRs)

NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	FY 95AMDF UNIT PRICE		FY 95 QTY	EXTENDED COST W/CREDIT (QTY * UNIT PRICE)	AVERAGE COST (W/CREDIT)	AVERAGE QUANTITY	FY 93-95 THREE YEAR AVERAGE	
						W/O CREDIT	W/CREDIT			PER SYSTEM	PER 100 SYSTEMS	QTY	EXTENDED COST (W/CREDIT)
1. 2815013147940	ENGINE AND CONTA	03A	H	C	K21N5	6,266.00	2,838.50	27.68	78,570	59.57	2.0986	16.87	47,895
2. 2520011612136	TRANSMISSION,HYD	03H	H	E	K21N5	2,041.00	924.57	10.87	10,050	7.62	0.8241	6.55	6,053

NUMBER OF SYSTEMS1,319

NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

88,620	100.0%	COST DRIVERS
0	0.0%	OTHERS
=====		
88,620		TOTAL

The following table displays FY 95 MACOM Class V (Ammunition) costs for MAIN and SECONDARY ROUNDS EXP. MAIN and SECONDARY ROUNDS EXP are the total quantities of ordnance used by the MACOM as recorded in the Training Ammunition Management Information System (TAMIS). EXTENDED COSTS are calculated by multiplying unit price by rounds expended. TOTAL ARMY (TA) figures are the summation of numbers across all MACOMs in the table. AVG PER SYSTEM costs are calculated by dividing the costs in EXTENDED COSTS by the number of systems for each MACOM.

M1097 HEAVY HMMWV FY 95 MACOM CLASS V COSTS					
MACOM		MAIN ROUNDS EXP	SECONDARY ROUNDS EXP	EXTENDED COSTS	AVG PER SYSTEM
CODE	NAME				
FC	FORSCOM	451,816	0	307,870.24	486
E1	USAREUR	36,244	0	25,761.60	263
P8	EUSA	32,528	0	16,300.70	116
P1	USARPAC	41,950	0	29,557.88	170
SU	USARSO	0	0	0.00	0
AO	USASOC	68,814	0	50,919.34	629
TC	TRADOC	411,508	0	192,525.18	10,133
NG	ARNG	53,077	0	33,762.09	252
AR	USAR	36,716	0	16,530.46	517
TA	TOTAL ARMY	1,132,653	0	673,227.49	510

The following table displays FY 95 Total Army Class V (Ammunition) costs by DODIC. ROUNDS EXPENDED are the total quantities of ordnance recorded in the Training Ammunition Management Information System (TAMIS). EXTENDED COSTS are calculated by multiplying unit price by ROUNDS EXPENDED. AVG PER SYSTEM costs are calculated by dividing the costs in EXTENDED COSTS by the number of systems for TOTAL ARMY (TA).

M1097 HEAVY HMMWV FY 95 TOTAL ARMY CLASS V COSTS					
DODIC	NOMENCLATURE	UNIT PRICE	ROUNDS EXPENDED	EXTENDED COSTS	AVG PER SYSTEM
A111	CTG 7.62MM BLANK	0.30	293,108	87,932.40	67
A131	CTG 7.62MM BALL	0.43	624,384	268,485.12	204
A146	CTG 7.62MM TRCR	0.35	69,520	24,332.00	18
A555	CTG CAL .50 BALL	1.39	43,442	60,384.38	46
A557	CTG CAL .50 BALL	1.80	89,300	160,740.00	122
A574	CTG CAL .50 TRCR	2.94	4,436	13,041.84	10
A585	CTG CAL .50 API-	1.50	2,140	3,210.00	2
A599	CTG CAL .50 BLAN	0.91	4,102	3,732.82	3
B542	CTG 40MM HEDP M4	19.92	74	1,474.08	1
B584	CTG 40MM TP M918	13.95	2,143	29,894.85	23
PV04	GM PRACTICE BTM-	5,000.00	4	20,000.00	15
TOTAL ARMY			1,132,653	673,227.49	510

The following table displays FY 91-95 Class V (Ammunition) costs by MACOM. EXTENDED COSTS are the total costs of expenditures recorded in the Training Ammunition Management Information System (TAMIS) and are calculated by multiplying unit price by rounds expended. TOTAL ARMY (TA) costs are a summation of the FY EXTENDED COSTS. The AVG PER SYSTEM costs are calculated by dividing the TOTAL ARMY costs by the number of systems for the TOTAL ARMY. Blank columns indicate the system was not tracked in the OSMIS database during that fiscal year.

M1097 HEAVY HMMWV FIVE YEAR MACOM CLASS V COSTS						
MACOM		FY 91	FY 92	FY 93	FY 94	FY 95
CODE	NAME	EXTENDED COSTS	EXTENDED COSTS	EXTENDED COSTS	EXTENDED COSTS	EXTENDED COSTS
FC	FORSCOM			46,317.89	250,617.69	307,870.24
E1	USAREUR			0.00	21,895.18	25,761.60
P8	EUSA			0.00	15,238.46	16,300.70
P1	USARPAC			0.00	34,262.27	29,557.88
SU	USARSO			0.00	0.00	0.00
AO	USASOC			0.00	78,289.61	50,919.34
TC	TRADOC			0.00	178,102.06	192,525.18
NG	ARNG			0.00	15,745.54	33,762.09
AR	USAR			0.00	19,361.02	16,530.46
TA	TOTAL ARMY			46,317.89	613,511.83	673,227.49
AVG PER SYSTEM				772	775	510

The following table displays FY 91-95 Class V (Ammunition) costs by DODIC. EXTENDED COSTS are the total costs of expenditures recorded in the Training Ammunition Management Information System (TAMIS) and are calculated by multiplying unit price by rounds expended. TOTAL ARMY COST is a summation of the FY EXTENDED COSTS. AVG PER SYSTEM costs are calculated by dividing the TOTAL ARMY COST by the number of systems for the TOTAL ARMY.

M1097 HEAVY HMMWV FIVE YEAR TOTAL ARMY CLASS V COSTS						
DODIC	NOMENCLATURE	FY 91 EXTENDED COSTS	FY92 EXTENDED COSTS	FY93 EXTENDED COSTS	FY 94 EXTENDED COSTS	FY 95 EXTENDED COSTS
A111	CTG 7.62MM BLANK			4,154.62	83,915.14	87,932.40
A131	CTG 7.62MM BALL			12,432.60	293,971.04	268,485.12
A146	CTG 7.62MM TRCR			1,197.32	25,265.52	24,332.00
A555	CTG CAL .50 BALL			3,051.40	53,433.38	60,384.38
A557	CTG CAL .50 BALL			9,347.94	92,170.70	160,740.00
A574	CTG CAL .50 TRCR			529.76	17,582.44	13,041.84
A585	CTG CAL .50 API-			34.54	0.00	3,210.00
A599	CTG CAL .50 BLAN			391.40	5,194.98	3,732.82
B542	CTG 40MM HEDP M4			333.92	1,964.16	1,474.08
B584	CTG 40MM TP M918			4,368.39	19,474.47	29,894.85
PB96	GM PRACTICE BTM			0.00	0.00	0.00
PV04	GM PRACTICE BTM-			10,476.00	20,540.00	20,000.00
TOTAL ARMY COST				46,317.89	613,511.83	673,227.49
AVG PER SYSTEM				772	775	510

The following table summarizes FY 95 Depot Maintenance Costs from the Master File Maintenance (MFM). Depot maintenance costs are displayed by cost elements for end item maintenance and secondary item maintenance. The OTHER cost columns represent work categories such as progressive maintenance, renovation, and fabrication/manufacture.

M1097 HEAVY HMMWV FY 95 DEPOT MAINTENANCE COSTS							
COST ELEMENTS	END ITEM MAINTENANCE				SECONDARY ITEM MAINTENANCE		
	REPAIR	OVERHAUL	OTHER	MODIFICATION	REPAIR	OVERHAUL	OTHER
CIVILIAN LABOR	0	0	0	0	0	0	0
MILITARY LABOR	0	0	0	0	0	0	0
MATERIEL	0	0	0	0	0	0	0
OVERHEAD	0	0	0	0	0	0	0
CONTRACT	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0
QTY COMPLETED	0	0	0	0	0	0	0
AVG COST	0	0	0	0	0	0	0

The table below summarizes FY 95 Intermediate Maintenance Costs from the Work Order Logistics File (WOLF) data. The labor hours and labor costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS LABOR COSTS are calculated by multiplying MACOM DS/GS LABOR HOURS by the Army Manpower Cost System (AMCOS) E-5 composite standard rate (\$16.98). CIVILIAN LABOR COSTS are a summation from the source data.

M1097 HEAVY HMMWV FY 95 INTERMEDIATE MAINTENANCE COSTS					
MACOM	DS/GS LABOR HOURS	DS/GS LABOR COSTS	CIVILIAN LABOR HOURS*	CIVILIAN LABOR COSTS*	CIVILIAN LABOR COST/HOUR
FORSCOM	380	6,452	0	0	0.00
USAREUR	379	6,435			
EUSA	11	187			
USARPAC	50	849			
USARSO	2	34			
USASOC	104	1,766			
TRADOC	70	1,189	177	3,747	21.17
ARNG	369	6,266			
USAR	0	0			
TOTAL ARMY	1,365	23,178	177	3,747	21.17

*TRADOC LABOR HOURS and LABOR COSTS include contractor hours and costs.

The following table summarizes FY 91-95 Depot Maintenance Costs. The depot maintenance data are recorded in MFM. FY 95 costs are a summation of the cost elements displayed on the previous page. END ITEM OVERHEAD costs were not separately identified prior to FY 92. Blank columns indicate the system was not tracked in the OSMIS database during that fiscal year.

M1097 HEAVY HMMWV FIVE YEAR DEPOT MAINTENANCE COSTS										
COST ELEMENTS	END ITEM MAINTENANCE					SECONDARY ITEM MAINTENANCE				
	FY 91	FY 92	FY 93	FY 94	FY 95	FY 91	FY 92	FY 93	FY 94	FY 95
CIVILIAN LABOR			0	0	0			3,190	383	0
MILITARY LABOR			0	0	0			0	0	0
MATERIEL			0	0	0			631	406	0
OVERHEAD			0	0	0			6,770	1,265	0
CONTRACT			0	0	0			0	0	0
OTHER			0	0	0			0	0	0
TOTAL			0	0	0			10,590	2,054	0
QTY COMPLETED			0	0	0			7	7	0
AVG COST			0	0	0			1,513	293	0

The table below summarizes FY 91-95 Intermediate Maintenance Costs from WOLF. The fiscal year total costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance (CIV) are displayed by MACOM and Total Army. MACOM DS/GS labor costs are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate. DS/GS COST PER HR is the E-5 composite standard rate in FY 95 constant dollars. Civilian labor costs are a summation from the source data. Blank columns indicate the system was not tracked in the OSMIS database during that fiscal year.

M1097 HEAVY HMMWV FIVE YEAR INTERMEDIATE MAINTENANCE COSTS										
MACOM	DIRECT/GENERAL SUPPORT INTERMEDIATE MAINTENANCE (DS/GS)					CIVILIAN MAINTENANCE (CIV)				
	FY 91	FY 92	FY 93	FY 94	FY 95	FY 91	FY 92	FY 93	FY 94	FY 95
FORSCOM			1,904	2,269	6,452			1,289	7,483	0
USAREUR			0	11,089	6,435					
EUSA			0	0	187					
USARPAC			0	1,467	849					
USARSO			0	17	34					
USASOC			0	511	1,766					
TRADOC			0	204	1,189			0	0	3,747
ARNG			0	1,194	6,266					
USAR			0	0	0					
TOTAL ARMY			1,904	16,751	23,178			1,289	7,483	3,747
LABOR HRS			108	982	1,365			44	261	177
COST PER HR			17.65	17.06	16.98			29.30	28.67	21.17

The following list shows the FY 95 Secondary Item - Rebuilds/Overhauls Cost Drivers recorded in the Master File Maintenance (MFM). AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 95 TOTAL COST TO REBUILD/OVERHAUL by the FY 95 QTY COMPLETED.

M1097 HEAVY HMMWV FY 95 DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS					
<u>NSN</u>	<u>NOMENCLATURE</u>	<u>FY 95 AMDF PRICE</u>	<u>FY 95 TOTAL COST TO REBUILD/ OVERHAUL</u>	<u>FY 95 QTY COMPLETED</u>	<u>AVG COST TO REBUILD/ OVERHAUL</u>
NO DATA					

The following list shows the FY 95 Secondary Item Maintenance - Repairs Cost Drivers recorded in Master File Maintenance (MFM). AVG COST TO REPAIR is calculated by dividing the costs in FY 95 TOTAL COST TO REPAIR by the FY 95 QTY COMPLETED.

M1097 HEAVY HMMWV FY 95 DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS COST DRIVERS					
<u>NSN</u>	<u>NOMENCLATURE</u>	<u>FY 95 AMDF PRICE</u>	<u>FY 95 TOTAL COST TO REPAIR</u>	<u>FY 95 QTY COMPLETED</u>	<u>AVG COST TO REPAIR</u>
NO DATA					

The following list shows the FY 91-95 Secondary Item - Rebuild/Overhaul Cost Drivers recorded in MFM. These five year Cost Drivers were revised from the previous years' report. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 91-95 TOTAL COST TO REBUILD/OVERHAUL by the FY 91-95 QTY COMPLETED.

M1097 HEAVY HMMWV FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS					
NSN	NOMENCLATURE	FY 95 AMD PRICE	FY 91-95 TOTAL COST TO REBUILD/ OVERHAUL	FY 91-95 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL
2520-01-161-2136	TRANSMISSION, HYDRAU	2,041	9,653	7	1,379
2920-01-190-2709	GENERATOR, ENGINE	999	2,054	7	293

The following list shows the FY 91-95 Secondary Item - Repair Cost Drivers recorded in MFM. These five year cost drivers were revised from the previous years' report. The AVG COST TO REPAIR is calculated by dividing the costs in FY 91-95 TOTAL COST TO REPAIR by the FY 91-95 QTY COMPLETED.

M1097 HEAVY HMMWV FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS COST DRIVERS					
NSN	NOMENCLATURE	FY 95 AMD PRICE	FY 91-95 TOTAL COST TO REPAIR	FY 91-95 QTY COMPLETED	AVG COST TO REPAIR
2520-01-163-4999	TRANSFER TRANSMISSI	1,142	937	0	0



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